

CLAIMS

What is claimed is:

1. A computer readable medium containing program instructions for
5 providing data to a web page, comprising:

computer readable code for allowing a user to form a hierarchical tree
comprising a plurality of nodes;

computer readable code for allowing the user to select a node from the
hierarchical tree, wherein the selected node has at least one attribute; and

- 10 computer readable code for allowing a user to bind the at least one attribute to
the web page.

2. The computer readable medium, as recited in claim 1, wherein the
selected node has peers and wherein the computer readable medium further comprises
15 computer readable code for automatically binding the peers of the selected node to the
web page.

3. The computer readable medium, as recited in claim 2, wherein the
computer readable code for allowing a user to bind the at least one attribute to the web
20 page, comprises:

computer readable code, which allows the use of point and click techniques to
select a region on the web page;

computer readable code for displaying the at least one attribute of the selected
node;

computer readable code which allows the use of point and click techniques to select the visually displayed at least one attribute of the selected node;

computer readable code which allows the use of point and click techniques to select a command to bind the at least one attribute of the selected node to the selected
5 region of the web page.

4. The computer readable medium, as recited in claim 3, wherein the selected node has at least a second attribute, further comprising computer readable code for allowing a user to bind the at least second attribute to the web page,
10 comprising:

wherein the computer readable code which allows the use of point and click techniques to select a region on the web page also allows the use of point and click techniques to select a second region of the web page;

wherein the computer readable code for displaying the at least one attribute of
15 the selected node also displays the at least second attribute with the at least one attribute;

wherein the computer readable code which allows the use of point and click techniques to select the visually displayed at least one attribute of the selected node also allows the selection of the at least second attribute;

20 wherein the computer readable code which allows the use of point and click techniques to select a command to bind the at least one attribute of the selected node to the selected region of the web page also allows the binding of the at least second attribute of the selected node to the second selected region of the web page.

25 5. The computer readable medium, as recited in claim 4, wherein the peers of the selected node have an at least one attribute and the at least second attribute and wherein the computer readable code for automatically binding the peers

of the selected node to the web page, comprises computer readable code for automatically binding the at least one attribute of the peers to the selected region of the web page and automatically binding the at least second attribute of the peers to the second selected region of the web page.

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6. The computer readable medium, as recited in claim 5, wherein the computer readable code which allows the use of point and click techniques to select a region on the web, comprises computer readable code which allows the use of point and click techniques to select a region of a web page being displayed on a web
10 browser.

7. The computer readable medium, as recited in claim 6, wherein the at least one attribute is a non-visual element.

8. The computer readable medium, as recited in claim 7, further
15 comprising computer readable code for dynamically changing the web page when a node to which the web page is bound is changed.

9. The computer readable medium, as recited in claim 3, wherein the
20 computer readable code which allows the use of point and click techniques to select a region on the web, comprises computer readable code which allows the use of point and click techniques to select a region of a web page being displayed on a web browser.

10. The computer readable medium, as recited in claim 1, further comprising computer readable code for dynamically changing the web page when the at least one attribute to which the web page is bound is changed.

5 11. A computer readable medium containing program instructions for managing a network of computers, comprising:

computer readable code for allowing a user to form a hierarchical tree comprising a plurality of nodes; and

computer readable code for allowing a user to bind nodes of the hierarchical
10 tree.

12. The computer readable medium, as recited in claim 11, further comprising computer readable code for providing a plurality of links for at least one service chain, wherein the computer readable code for allowing the user to bind the
15 nodes, comprises computer readable code for allowing a user to bind a node to a link of the plurality of links.

13. The computer readable medium, as recited in claim 12, wherein the computer readable code for allowing a user to bind the nodes, further comprises:
20 computer readable code which allows the use of point and click techniques to select a node from the plurality of nodes;

computer readable code which allows the use of point and click techniques to select a link from the plurality of links; and

computer readable code which allows the use of point and click techniques to
25 select bind command that binds the selected link to the selected node.

14. The computer readable medium, as recited in claim 13, wherein the selected link has an output list with a plurality of items in the output list, and wherein the selected node has a plurality of attributes, wherein the computer readable code for
5 allowing a user to bind the nodes further comprises computer readable code for outputting items in the output list of the selected link into the attributes of the selected node.

15. The computer readable medium, as recited in claim 14, further
10 comprising computer readable code for reading data into the output list of the selected link from a data source.

16. The computer readable medium, as recited in claim 15, wherein the computer readable code for reading data into the output list of the selected link
15 comprises computer code for performing a Uniform Resource Locator (URL) read of data from the data source to the selected link.

17. The computer readable medium, as recited in claim 16, wherein the selected node is a schema node.

18. The computer readable medium, as recited in claim 17, further comprising computer readable code for executing the link by generating a clone of the selected node to create an instance of the selected node and providing data from the link to the clone of the selected node.

19. The computer readable medium, as recited in claim 17, further comprising computer readable code for executing the link by overwriting an instance of the selected node and providing data from the link to the instance of the selected node.

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20. The computer readable medium, as recited in claim 13, wherein the selected node is a schema node.

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